

Claim Amendments:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) An image capture system comprising:
a processing engine operable to perform an image processing function;
a first image sensor operable to capture a first view of a scene and to output first information representing the first view;
a second image sensor operable to capture a second view of the scene and to output second information representing the second view;
a selector operable to selectively route at least a portion of scene view information to the processing engine, the scene view information comprising the first information and the second information; and
a mounting surface on which the processing engine and the first and the second image sensors are secured.
2. (Currently amended) The system of claim 1, further comprising a support having an exterior surface that comprises the mounting surface, the support having a geometry selected from the group consisting of a generally planar geometry, a generally cylindrical geometry, and a generally spherical geometry.
3. (Currently amended) The system of claim 1, further comprising:
a third image sensor operable to capture a third view of the scene[:]; and
an integrated circuit comprising the first image sensor, the second image sensor, the third image sensor, and the processing engine.
4. (Currently amended) The system of claim 1, wherein the first and second image sensors are operable as digital video sensors, further wherein the first and second image sensors are adjustably secured to the mounting surface.

5. (Currently amended) The system of claim 1, further comprising a triggering engine operable to signal the selector to route ~~all of~~ the scene information to the processing engine.

6. (Currently amended) The system of claim 1, further comprising a microphone assembly communicatively coupled to the processing engine to provide audio input.

7. (Currently amended) The system of claim 1, wherein the first image sensor has an orientation and the second image sensor has a different orientation, further wherein the first and second image sensors are operable as digital video sensors, the system further comprising:
a triggering engine communicatively coupled to the selector and operable to signal the selector to route a specific portion of the scene view information to the processing engine; and
a directional determination assembly operable to detect a direction of activity in the scene, the assembly further operable to output a signal that informs the triggering engine of the direction.

8. (Original) The system of claim 7, wherein the triggering engine is further operable to signal the selector to route the second information to the processing engine in response to a determination that the second view should capture the activity.

9. (Original) The system of claim 8, further comprising:
a support having an exterior surface that comprises the mounting surface, the support having a geometry that facilitates differing orientations of the first and the second image sensors; and
an interface operable to communicatively couple an output of the processing engine to an external computing system.

10. (Currently amended) The system of claim 9, wherein the activity comprises sound generation and wherein the system further comprises a computer coupled to the interface.

11. (Currently amended) An image capturing system comprising:

an integrated circuit comprising:

a first image module communicatively coupled to a processing engine, the first image module operable to capture first image information;
a second image module communicatively coupled to the processing engine, the second image module operable to capture second image information; and
the processing engine operable to perform an image processing function on information received from the first image module and the second image module.

12. (Currently amended) The system of claim 11, further comprising:

a third image module communicatively coupled to the processing engine; and
an interface operable to facilitate communication of a processing engine output to a device selected from the group consisting of a cable modem, a DSL modem, and a computing device.

13. (Canceled)

14. (Currently amended) The system of claim 11, further comprising a selection mechanism operable to switch the information received by the processing engine from the first image information to the second image information.

15. (Original) The system of claim 11, wherein the processing engine is operable to simultaneously perform an image processing function on information received from the first image module and the second image module.

16. (Currently amended) The system of claim 11, wherein the first image module has a field of view and the second module has a different field of view.

17. (Currently amended) The system of claim 11, wherein the first image module has a resolution and the second module has a different resolution.

18. (Currently amended) The system of claim 11, wherein the first image module comprises a digital zoom lens.

19. (Currently amended) The system of claim 11, wherein the first image module comprises an optical zoom lens with autofocus.

20. (Currently amended) The system of claim 11, wherein the first image module comprises a fixed-focus and fixed-zoom lens.

21. (Currently amended) The system of ~~Claim-claim~~ 11, wherein the first image ~~information~~ information represents a first view of a scene and the second image information represents a second view of the scene, ~~further and~~ wherein at least a portion of the first information represents a portion of the scene captured in the second view.

22. (Canceled)

23. (Currently amended) An image capturing method[[,]] comprising:
correlating a plurality of digital image sensors with different views of a scene, wherein an integrated circuit comprises a processing engine and at least one of the plurality of digital image sensors;

receiving information that represents a first view of the scene;

receiving additional information that represents a second view of the scene;

determining that the first view of the scene comprises a desired portion of the scene; and

allowing the information to progress to the processing engine.

24. (Currently amended) The method of claim 23, further comprising disallowing progression of the additional information to the processing engine.

25. (Original) The method of claim 23, further comprising performing an image signal processing function on the information.

26. (Original) The method of claim 23, further comprising:
performing an image signal processing function on the information; and
initiating presentation of the information on a display after performing the image signal processing function.
27. (Original) The method of claim 23, further comprising:
determining that the second view of the scene comprises another desired portion of the scene; and
allowing the additional information to progress to the processing engine.
28. (Currently amended) The method of claim 23, further comprising:
correlating the first view to a first image sensor of the plurality of image sensors and the second view ~~with~~ to a second image sensor of the plurality of image sensors; and
receiving a directional identification signal indicating that the first view contains a desired scene activity.
29. (Currently amended) The method of ~~Claim-claim~~ 23, further comprising:
performing an image signal processing function on the information; and
outputting post processed image signal information.
30. (Currently amended) The method of ~~Claim-claim~~ 28, further comprising initiating communication of the post processed image signal information as data packets across a network.
31. (Currently amended) The method of ~~Claim-claim~~ 29 further comprising streaming the post processed image signal information.

32. (New) An image capturing method comprising:
receiving image data from a plurality of image sensors, wherein an integrated circuit
comprises a processing engine and at least one of the plurality of image sensors;
selectively providing image data related to one or more of the plurality of image sensors
to the processing engine;
processing the image data to produce an output; and
transmitting the output to a video conferencing device.

33. (New) The method of claim 32, further comprising:
receiving an audio signal via a directional microphone; and
selectively providing image data associated with a particular image sensor of the plurality
of image sensors to the processing engine based on a direction associated with the
audio signal.